Index of Claims

| Ann | lication | Cant | ol No   |
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10/787,120

Examiner

Chuong A. Luu

Applicant(s)/Patent under Reexamination

TANAKA ET AL.

Art Unit

2818

| √  | Rejected |
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| II | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
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| 1 | Interference |

| A | Appeal   |
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| Cla   | aim                              | Date     |              |          |  |          |              |          |          |          |   |  |
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| Final | Original                         | 3/14/07  |              |          |  |          |              |          |          |          |   |  |
|       | 1                                | -        |              |          |  | m        |              | Г        | Т        |          | 1 |  |
|       | 2                                | -        |              | Г        |  |          | Τ            |          |          |          | 1 |  |
|       | 3                                | -        |              | П        | Г  | П        | Г            |          |          |          | 1 |  |
|       | 1<br>2<br>3<br>4<br>5            | -        |              | П        | Π  | П        | Г            |          |          |          | 1 |  |
|       |                                  | -        |              |          |  |          |              |          |          |          | ] |  |
|       | 7                                | -        |              |          |  |          |              |          |          |          | ] |  |
|       |                                  | V        |              |          |  |          | L            | <u> </u> |          |          | ļ |  |
|       | 8                                | 1        | <u> </u>     |          | _  |          | ╙            |          |          | ╙        | ļ |  |
|       | 9                                | 1        | _            |          | ļ  | _        |              | _        |          | <u> </u> | l |  |
|       | 10                               | Į,       | <u> </u>     | _        | _  | _        |              |          | <u> </u> | <u> </u> | 1 |  |
|       | 11                               | 1        | <u> </u>     |          | _  | <u> </u> |              | ┞-       | L        | ⊢        | 4 |  |
|       | 12                               | 1        | L            | L        | <u> </u>   | <u> </u> |              | <u> </u> | <u> </u> | <u> </u> | 4 |  |
|       | 13                               | _        | <u> </u>     | <b> </b> | <b>-</b>   |          | ├            |          | <u> </u> | ┢        | 1 |  |
|       | 11<br>12<br>13<br>14<br>15<br>16 | 1        |              | ├        | ├-   | -        | -            | ⊢        | ⊢        | ┢        | ł |  |
|       | 16                               | 1        | -            | $\vdash$ | ⊢  | -        |              | H        | $\vdash$ | $\vdash$ | ł |  |
|       | 17                               | J        | -            | ⊢        | <del>                                     </del> | ⊢        | <del> </del> | ├-       | ┢        |          | ł |  |
|       | 18                               | 7 7      | -            | ┢        | ┢  | ┢        | 1            | ⊢        | ⊢        | -        | 1 |  |
|       | 17<br>18<br>19                   |          | ┝            | $\vdash$ | -  | -        |              | -        | ┢        | -        | ł |  |
|       | 20                               | j        | $\vdash$     | $\vdash$ | $\vdash$   | -        |              | $\vdash$ | ┢        |          | ł |  |
|       | 21                               | 7        | ┢            | $\vdash$ | ┢  | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$ |          | 1 |  |
|       | 22                               | 1        | $\vdash$     | $\vdash$ | $\vdash$   | H        | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ | l |  |
|       | 23                               | 1        |              | T        | T  |          | 1            |          | T        | <b>—</b> | 1 |  |
|       | 24                               | V        |              | <u> </u> |  | -        | <u> </u>     |          |          | T        | 1 |  |
|       | 25                               | Т        | $\vdash$     | $\vdash$ | Г  | $\vdash$ | $\vdash$     |          |          |          | 1 |  |
|       | 26                               | Г        |              |          |  |          |              |          |          |          | 1 |  |
|       | 27                               |          |              |          |  |          |              |          |          |          | 1 |  |
|       | 28<br>29                         |          |              |          |  |          |              |          |          |          | ] |  |
|       | 29                               |          |              |          |  |          |              |          |          |          |   |  |
|       | 30                               |          |              |          |  |          |              |          |          |          |   |  |
|       | 31                               |          |              | Ŀ        |  |          | <u> </u>     |          |          | _        | l |  |
|       | 32                               |          |              |          |  | L        |              |          |          |          | l |  |
|       | 33                               | L.       | L.           | L_       | L  | L        | <u> </u>     | L_       | L        | L_       | ļ |  |
|       | 34                               | L_       | L            | <u> </u> | <u> </u>   | <u> </u> | <u> </u>     | L_       | <u> </u> | <u> </u> | 1 |  |
|       | 35                               | L        | _            | <u> </u> | <u> </u>   | <u> </u> | <u> </u>     | <u> </u> | <u> </u> | <u> </u> | l |  |
|       | 36                               | ļ        | _            | <u> </u> | <u> </u>   | <u> </u> | <u> </u>     | $\vdash$ | <u> </u> | <u> </u> | l |  |
|       | 37                               | <u> </u> |              | _        | <u> </u>   | $\vdash$ | <u> </u>     | ├        | <u> </u> | $\vdash$ | l |  |
|       | 38                               | <u> </u> |              | <u> </u> | <u> </u>   | ļ        | <u> </u>     | ┞        | <u> </u> | ļ        | l |  |
|       | 39<br>40                         | $\vdash$ | <u> </u>     | <u> </u> | <u> </u>   | $\vdash$ | ├—           | ├-       | <u> </u> | $\vdash$ | ł |  |
|       | 41                               | $\vdash$ | <del> </del> | -        | ├-   | $\vdash$ |              | <u> </u> | <u> </u> |          | ١ |  |
|       | 42                               | $\vdash$ | _            | $\vdash$ | <del> </del>                                     | $\vdash$ | <del> </del> | <u> </u> | _        | $\vdash$ | ١ |  |
|       | 43                               |          | H            | H        | ⊢  | $\vdash$ | ┝            | <u> </u> | <u> </u> | ├        | 1 |  |
|       | 44                               | $\vdash$ | $\vdash$     | Н        | $\vdash$   |          | -            | -        | -        | $\vdash$ | 1 |  |
|       | 45                               | $\vdash$ | -            | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$ | -        | $\vdash$ | ١ |  |
|       | 46                               |          |              | Н        | Ι  | <u> </u> | $\vdash$     | $\vdash$ |          |          | ١ |  |
|       | 47                               | H        |              | $\vdash$ | ⊢  | H        | $\vdash$     | H        | -        |          | ۱ |  |
|       | 48                               |          | _            |          | $\vdash$   |          |              |          | $\vdash$ |          | ۱ |  |
|       | 49                               |          | _            |          | $\vdash$   |          | $\Box$       | _        | П        |          | ĺ |  |
|       | 50                               | Н        |              | $\vdash$ | $\vdash$   |          | <b>—</b>     | $\vdash$ | -        | <u> </u> | ١ |  |

|   |                |          | Dat           | е         |          |          |          |     | Cla   | im       |          |   |   | _[            | Date | <b>e</b> |          |   |          |      | Ĺ        |
|---|----------------|----------|---------------|-----------|----------|----------|----------|-----|-------|----------|----------|---|---|---------------|------|----------|----------|---|----------|------|----------|
|   |                |          |               |           |          |          |          |     | Final | Original |          |   |   |               |      |          |          |   |          |      |          |
|   |                |          |               |           |          |          |          |     |       | 51       |          |   | - |               |      |          |          |   |          | ]    | L        |
|   |                |          |               |           |          |          |          |     |       | 52       |          |   |   |               |      |          |          |   |          | ] .  | E        |
|   |                |          |               | Г         |          |          |          |     |       | 53       |          |   |   |               |      |          |          |   |          | ] .  | Γ        |
|   | Г              | Π        | П             |           |          |          |          |     |       | 54       |          |   |   |               |      |          |          |   |          | ] .  | Г        |
|   |                |          |               |           |          |          |          |     |       | 55       |          |   |   |               |      |          |          |   |          | 1    | Г        |
|   |                |          |               | Г         |          |          |          | İ   |       | 56       |          |   |   |               |      |          |          |   | Г        | 1    | Γ        |
|   |                |          |               |           |          |          |          | ĺ   |       | 57       |          |   |   |               |      |          |          |   |          | 1    | Γ        |
|   |                |          |               |           |          |          |          | 1   |       | 58       | П        |   |   |               |      |          |          |   | _        | 1    | Г        |
|   | -              |          |               |           |          |          |          |     |       | 59       |          |   |   |               |      |          |          |   |          | 1    |          |
|   |                |          |               |           |          |          |          |     |       | 60       |          | - |   |               |      |          |          |   |          | 1    |          |
|   |                |          | Г             |           |          |          | Τ        |     |       | 61       |          |   |   |               |      |          |          |   |          | 1    | Г        |
|   |                |          |               |           |          |          |          |     |       | 62       |          |   |   | _             |      |          |          |   |          | 1 .3 |          |
|   |                | T        |               |           | <u> </u> |          |          |     |       | 63       |          |   |   |               |      |          |          | _ | _        |      | T        |
|   |                |          |               | -         | -        |          |          |     |       | 64       | П        |   |   |               | _    | $\vdash$ |          |   | _        |      | r        |
|   |                | -        |               |           | $\vdash$ |          |          |     |       | 65       | П        |   |   | _             | _    | _        |          |   |          | 1    | F        |
| _ | $\vdash$       |          |               |           |          | $\vdash$ |          | 1   |       | 66       | П        | _ |   | $\overline{}$ | _    |          | $\vdash$ |   |          |      | r        |
| _ | $\vdash$       | ┢        | $\vdash$      |           | _        | $\vdash$ |          |     |       | 67       |          |   | _ |               | _    | -        | -        |   |          | 1 "  | r        |
|   |                |          |               |           | $\vdash$ |          |          | 4.  |       | 68       |          |   |   |               |      |          | $\vdash$ |   | <u> </u> |      | r        |
| _ | _              | -        |               |           | -        | _        | _        | 1.3 |       | 69       |          |   |   |               | _    | $\vdash$ | _        |   | _        | 1    | r        |
|   | $\vdash$       | $\vdash$ |               |           | $\vdash$ | ┢        |          |     |       | 70       | Н        |   |   | _             | -    | -        | -        |   | -        |      | $\vdash$ |
| _ | $\vdash$       | $\vdash$ | $\vdash$      | _         | $\vdash$ | $\vdash$ |          |     |       | 71       | $\vdash$ |   |   |               |      | $\vdash$ | _        | _ | $\vdash$ | 1    | ۲        |
|   | ⊢              | $\vdash$ | ⊢             |           | ⊢        | $\vdash$ |          |     |       | 72       | $\vdash$ |   |   | _             | _    | _        | $\vdash$ | _ | ⊢        |      | ⊦        |
|   | -              | ┢        | -             | -         | $\vdash$ | ┢        | -        | ,   |       | 73       | $\vdash$ |   | _ |               | -    |          | -        |   | -        | 1    | ╁        |
| _ | ├─             | ╁        | ┢             | $\vdash$  | -        |          | $\vdash$ |     |       | 74       | $\vdash$ |   | _ | -             |      | <u> </u> | -        | - | -        | ٠,   | H        |
| _ | $\vdash$       | $\vdash$ | ├             | $\vdash$  | Н        | $\vdash$ | Н        |     |       | 75       | $\vdash$ |   |   |               | _    |          | _        | _ |          | ۱ ۱  | ⊦        |
|   | $\vdash$       | -        | -             | -         | $\vdash$ |          | H        | 2   |       | 76       |          |   | - | _             |      | -        | _        | - |          | ١.   | H        |
|   | _              |          |               |           |          |          | $\vdash$ |     |       | 77       | $\vdash$ |   |   | _             |      | _        | _        | _ |          | 1.   | H        |
|   |                | $\vdash$ | ├             | $\vdash$  | H        |          |          |     | -     | 78       | -        |   |   |               |      | $\vdash$ |          |   |          |      | H        |
|   | _              | $\vdash$ | $\vdash$      | -         | _        | H        | -        |     |       | 79       |          |   |   |               | _    | -        | -        |   |          | ł    | H        |
|   | _              | -        | -             | -         |          | _        |          |     |       | 80       | $\dashv$ |   |   | _             |      | _        | _        |   | _        | ł    | $\vdash$ |
| _ | <del>-</del>   | -        | ├             | _         |          |          |          |     |       | 81·      |          |   |   |               |      |          |          | _ | _        | ł    | H        |
|   |                | -        | ⊢             | -         | $\vdash$ |          |          | 1   |       | 82       | -        |   | - |               |      |          |          | _ | _        | ł    | $\vdash$ |
|   |                |          | ┝             |           | -        |          |          |     |       | 02       |          |   |   |               |      | -        | _        | _ |          |      | $\vdash$ |
| - |                |          | -             | -         |          | _        |          |     |       | 83       | $\vdash$ |   |   | -             |      |          | _        | _ | <u> </u> | 1    | $\vdash$ |
| _ | -              | H        | ⊢             |           | -        | _        |          |     |       | 84<br>85 |          | _ |   |               | _    | _        | _        | _ |          | 1    | ⊦        |
| _ |                | $\vdash$ |               | -         |          | _        | -        |     |       |          | -        |   |   | _             |      |          | _        | - |          |      | H        |
| _ | _              | <u> </u> | _             | _         | _        |          | H        |     | -     | 86       | $\dashv$ | _ |   | _             |      |          |          | _ | _        |      | H        |
| _ |                |          | -             | _         | -        |          |          |     |       | 87       |          |   |   |               |      |          |          | - | -        | ŀ    | H        |
| _ |                |          | -             | _         |          |          | _        |     |       | 88       |          |   |   |               |      |          |          |   |          | ļ*   | H        |
| _ | _              | <u> </u> | ⊢             | _         |          | _        | -        | , , |       | 89       | _        |   |   |               |      |          | <u></u>  |   |          | ÷ .  | H        |
| _ |                | _        | <u> </u>      |           | -        |          |          |     |       | 90<br>91 | _        |   |   |               |      |          | _        |   |          |      | H        |
| _ | _              | _        | ⊢             | _         |          |          |          |     |       |          | $\dashv$ |   |   |               |      |          |          |   |          | :    | Ł        |
|   |                | $\vdash$ | _             | _         | _        |          | _        |     |       | 92       | $\dashv$ |   |   |               |      |          |          |   |          |      | L        |
| _ | $\blacksquare$ | Щ        | <u> </u>      | Щ         |          | _        | $\vdash$ |     |       | 93       | _        |   |   |               |      |          |          |   |          | l.   | F        |
| _ |                | $\vdash$ | <u> </u>      | Щ         | <u> </u> |          | Ш        |     |       | 94       |          | _ |   |               |      |          |          | - |          | h    | H        |
|   |                | Щ.       | <u> </u>      | $\sqcup$  | Ш        |          |          |     |       | 95       |          | _ |   |               |      | <u> </u> |          | _ |          |      | H        |
| _ | Щ,             | Щ        | <u> </u>      | Ш         |          |          | Ш        | '   |       | 96       | _        | _ |   | Щ             |      |          |          |   |          |      | L        |
| _ | Щ              | Щ        | L             | Щ         |          | Ш        |          |     |       | 97       |          |   |   |               |      |          |          |   |          |      | L        |
| _ |                | Щ        | <u> </u>      | $\square$ | Щ        |          |          | '   |       | 98       | _        | _ |   |               |      |          |          |   |          | :    | L        |
|   |                |          | $\sqsubseteq$ |           |          |          |          | ļļ  |       | 99       |          |   |   |               |      |          |          |   |          |      | L        |
|   |                |          |               |           |          |          |          | l   |       | 100      | $\perp$  |   |   |               |      |          |          |   |          |      | L        |
|   |                |          |               |           |          |          |          |     |       |          |          |   |   |               |      |          |          |   |          |      |          |

| Cla                                     | aim                             | Date     |        |          |               |          |          |          |          |            |  |
|---|---------------------------------|----------|--------|----------|---------------|----------|----------|----------|----------|------------|--|
|   |                                 |          |        |          | Π             |          |          |          | П        |            |  |
| <u>a</u>                                | Original                        |          |        | ŀ        | 1             |          |          |          |          |            |  |
| Final                                   | ğį                              |          |        |          | 1             |          |          | ŀ        |          |            |  |
| "-                                      | ŏ                               |          |        |          | 1             |          |          |          |          |            |  |
|   |                                 | <u> </u> |        |          | ⊢             | <u> </u> | _        | -        | _        | Ш          |  |
|   | 101<br>102<br>103               | <u> </u> |        | <u> </u> | ┞-            | <u> </u> | <b> </b> | <b>-</b> | <u> </u> | Щ          |  |
| L                                       | 102                             | <u> </u> |        | _        | L.            | <u> </u> | ļ        | L_       | <u> </u> |            |  |
|   | 103                             | _        | _      |          | L.            | <u> </u> | ļ        | _        | _        | Ш          |  |
|   | 104                             | L.       | _      | L        | L             |          | _        | <u> </u> | <u> </u> | lacksquare |  |
|   | 105                             | _        | L      | _        |               | _        | _        | <u> </u> | L        |            |  |
|   | 106                             |          | _      |          | L             | <u> </u> | ļ        |          |          |            |  |
|   | 107                             |          | L      |          |               |          | L_       | L        | <u></u>  |            |  |
|   | 108<br>109                      |          |        |          | L             |          |          |          |          |            |  |
|   | 109                             |          |        |          |               |          |          |          | L        |            |  |
|   | 110                             |          |        |          |               |          |          |          |          |            |  |
|   | 111                             |          |        |          |               |          |          |          |          |            |  |
|   | 112                             |          |        |          |               |          | _        | oxdot    |          |            |  |
|   | 113                             |          |        |          |               |          | L        |          |          |            |  |
|   | 113<br>114                      |          | L      | L        |               |          |          | Ĺ        | L        |            |  |
|   | 115                             |          |        |          |               |          |          |          |          |            |  |
|   | 116                             |          |        |          |               |          |          |          |          |            |  |
|   | 117                             |          |        |          |               |          |          |          | L        |            |  |
|   | 118                             |          |        |          |               |          |          |          |          |            |  |
|   | 119                             |          |        |          |               |          |          |          |          |            |  |
|   | 120                             |          |        |          |               |          |          |          |          |            |  |
|   | 119<br>120<br>121               |          |        | Г        |               |          |          |          |          |            |  |
|   | 122                             |          |        | Г        |               |          |          |          |          |            |  |
|   | 123                             |          |        |          |               |          |          |          |          |            |  |
| · ·                                     | 122<br>123<br>124<br>125<br>126 |          |        |          |               |          |          |          |          |            |  |
|   | 125                             |          |        | П        | Г             |          |          |          |          |            |  |
|   | 126                             |          |        |          |               |          |          |          |          |            |  |
|   | 127<br>128<br>129               |          |        |          |               |          |          |          |          |            |  |
|   | 128                             |          |        |          |               |          |          |          |          |            |  |
|   | 129                             |          |        |          |               |          | Г        | Г        | Г        |            |  |
|   | 130                             | _        |        |          |               |          |          |          |          |            |  |
|   | 130<br>131                      |          |        |          |               |          |          |          |          |            |  |
|   | 132                             |          |        |          |               |          |          |          |          |            |  |
|   | 133                             |          |        |          |               |          |          |          |          | $\Box$     |  |
|   | 134                             |          |        |          |               |          |          |          |          |            |  |
|   | 135                             |          |        |          |               |          |          |          |          |            |  |
|   | 135<br>136                      |          |        |          |               |          |          |          |          |            |  |
|   | 137                             |          |        |          |               |          |          |          |          |            |  |
|   | 138<br>139                      |          |        |          |               |          |          |          |          |            |  |
|   | 139                             |          |        |          |               |          |          |          |          |            |  |
|   | 140                             |          |        |          |               |          |          |          |          | $\Box$     |  |
|   | 141                             |          |        |          |               |          |          |          |          |            |  |
|   | 142                             |          |        |          |               |          |          |          |          | П          |  |
|   | 143                             |          |        |          |               |          |          |          |          |            |  |
|   | 144                             |          |        |          |               |          |          |          |          |            |  |
|   | 145                             |          |        |          |               |          |          |          |          |            |  |
|   | 146                             |          |        |          |               |          |          |          |          |            |  |
|   | 147                             |          |        |          |               |          |          |          |          |            |  |
|   | 148                             |          |        |          |               |          |          | П        |          |            |  |
|   | 149                             |          | $\Box$ |          |               |          |          |          |          | П          |  |
| $\Box$                                  | 150                             |          |        | _        | П             |          |          | $\vdash$ |          | $\vdash$   |  |
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